

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

Region I

Report No. 80-13

Docket No. 50-219

License No. DPR-16 Priority -- Category C

Licensee: Jersey Central Power & Light Co.  
Madison Ave. at Punch Bowl Road  
Morristown, New Jersey 07960

Facility Name: Oyster Creek Nuclear Generating Plant

Inspection at: Forked River and Morristown, New Jersey

Inspection conducted: April 7-11, 1980

Inspectors: *G. Napuda* 5/23/80  
G. Napuda, Reactor Inspector date signed  
*Conway* 5/23/80  
Conway, Reactor Engineer (NRR-QAB) date signed  
*J. Thomas* 5/23/80  
J. Thomas, Resident Inspector date signed  
Approved by: *E. G. Greenman, Jr.* 5/23/80  
E. G. Greenman, Chief Nuclear date signed  
Support #2

Inspection Summary:

Inspection on April 7-11, 1980 (Report No. 50-219/80-13)

Areas Inspected: Routine unannounced inspection by one region based inspector, a resident inspector and an NRC headquarters based engineer, of the Quality Assurance Program (QAP) implementation including: QA Program Review; QA/QC Administration; Design Changes/Modifications; and followup on previously identified items. The inspection involved 76 inspector-hours onsite and 46 inspector-hours at the Corporate Offices by a region based inspector, a resident inspector and an NRC headquarters based engineer (NRR-QAB).

Results: Of the three areas inspected, no items of noncompliance were identified.

8007170 6.92

## DETAILS

### 1. Persons Contacted

- W. Baldwin, Manager, GCMD Administration
- F. Collado, Project Engineer
- \*J. Carroll, Jr., Station Superintendent
- I. Finfrock, Vice President
- \*S. Fuller, Quality Assurance
- D. Gaines, QA Manager
- J. Johnson, Job Supervisor (Riggs-Distler, Inc.)
- C. Kabis, Drafting Supervisor - Generation
- L. Lundstrom, Central Document Specialist (UTL)
- H. Marek, Job Supervisor (Riggs-Distler, Inc.)
- D. Miller, Project Engineer
- G. Miller, Stores Supervisor
- \*R. Pnelli, General Engineer
- W. Popow, Manager - GCMD Construction and Maintenance
- \*J. Sullivan, Chief Engineer
- W. Tilton, Quality Assurance
- \*J. V. Kozlowski, Outage Coordinator, GCMD

The inspectors also interviewed other members of the licensee's staff during the course of the inspection including Administrative, Engineering, Maintenance, Operations and Quality Assurance personnel.

### Other NRC Personnel

- \*L. E. Briggs, Senior Resident Inspector

\*Present at exit interview.

### 2. Followup on Previous Inspection Findings

(Open) Unresolved Item (78-04-01): Review and evaluate the response to Audit 77-07. As noted in Inspection Report 79-05 a materials management department had been established and is now functioning in its area of responsibility. The inspector noted that the Audit Schedule Matrix indicates that the department will be audited during the third quarter of 1980. Pending review of the audit results this item remains open.

(Closed) Infraction (78-04-05): Records stored in areas not meeting single storage area requirements of ANSI N45.2.29. Procedure 2025, Revision 0, describes the vault and details the administrative controls for its use. Further, the licensee representative stated that to the best of his knowledge all single copy records, except those being produced on a day to day basis, are now stored in the vault. Based on the foregoing and previous followup findings (see Inspection Report 79-05) the inspector stated he had no further questions and this item is closed.

(Closed) Unresolved Item (79-05-01): Drawing Index updating system not functioning adequately since all index holders are unaware of interim changes. Procedure 2009, Revision 1, states that the index will be updated monthly when so required, and also discusses the method of updating the four field decks of aperture cards (microfilm). Additionally, the Drawing Index is updated monthly as required and distributed copies are "controlled documents". This item is resolved.

(Closed) Unresolved Item (79-05-02): Control of documents not clear and a number of procedures referenced by other procedures are nonexistent. A Generation Administrative Department has been established and is charged with controlling all corporate instructions/procedures. The authority/responsibility of this department and its manager are detailed in Procedures 2004 and 2014, Revisions 1. Also, Procedure 103, Revision 5, describes the control/distribution of station generated instructions/procedures. This item is therefore resolved.

(Closed) Unresolved Item (79-05-03); Controlled document indices not being issued monthly. Procedure 2004, Revision 1, establishes the "Distribution Document Series" (an index) as a controlled document so that all holders of this index should now have current copies. This item is resolved.

(Closed) Unresolved Item (79-05-04): Drawings in Control Room whose revisions had not been approved. Procedure 2009, Revision 1 details the control, issue and revision of engineering drawings. Further, the inspector verified that the originals, aperture cards and Control Room hard copies of drawings BR-3013, Revision 15; BR-3028, Revision 12; and, EB-D-3033, Revision 0 were properly approved/issued and their contents were identical to each other (for like numerals). This item is resolved.

(Open) Unresolved Item (79-05-05): Contractor Classification List not revised since January 1978. Procedure 4023, Revision 4, describes the evaluation/approval process for contractors, the computerized listing of contractors, and other activities associated with this function. However, the procedure is in the final review stage and not yet approved, and the system is undergoing trial runs. Pending review of the approved procedure and the implemented system this item remains open.

(Closed) Unresolved Item (79-05-06): No control for memos used to update the contractor classification list. Based on the discussion for Item 79-05-05 (above) there is no longer a need to use or control such memos. Therefore this item is closed for record purposes.

(Closed) Unresolved Item (79-05-07); Unsatisfactory suppliers retained on the approved contractor listing. The computerized Contractor Classification List, discussed in Item 79-05-05 above, includes a "Preface" which addresses the addition, deletion or status change of suppliers/vendors on the list. This preface appears on all printouts of the list. This item is resolved.

(Closed) Unresolved Item (79-05-08): Contractors utilized who were not on the Contractor Classification List. Procedure 4023, Revision 4, mandates the use of the Contractor Classification List for all procurements and requires that Nuclear Safety Related items be purchased only from suppliers/vendors appearing on the list. This item is resolved.

(Open) Deficiency (79-05-09): Conditions of QA storeroom not in compliance with ANSI N45.2.2 and station procedures 110, 117 and 121. The inspector toured the new warehouse that had recently been completed. Based on this tour (see Paragraph 6) this item remains open pending completion of licensee corrective action.

(Closed) Infraction (79-18-25): Two training audits performed in a three year period instead of the three as required by T.S. 6.5.3.5.b. The licensee's "1979-1980 Audit Schedule Matrix" documents that the subject audit was performed in 1979 and indicates that another audit is to be conducted during 1980. Additionally, the licensee's staff member responsible for maintaining the audit schedule is now utilizing a long term matrix to assure that audits are conducted within the required time frame. The inspector had no further questions and this item is closed.

(Closed) Unresolved Item (79-18-27): Audit of Contractor Classification List not completed and a procedure is not to address the audit of this area. Audit 79-43 has been completed, the report issued and corrective action is in progress for the 24 items identified as requiring followup action. Also, the "1979-1980 Audit Schedule Matrix" includes the Contractor Classification List and establishes it as an auditable area. Further, the subject listing is discussed in Items 79-05 through 08 above. This item is considered resolved.

### 3. QA Program Review

The inspectors reviewed, on a sampling basis, the changes made to the below listed Quality Assurance Program implementing procedures since the NRC QA inspection on March 7, 1978. The revisions were reviewed for consistency with Revision 3 of the licensee's Quality Assurance plan. The licensee is to submit Revision 4 to NRC-NRR for review and approval (reference letter licensee/NRR dated April 17, 1980). These procedures also served as the basis for inspection in the areas discussed within this report. During the conduct of the inspection, discussions were held with licensee personnel which indicated that they were aware of and were implementing the procedural changes.

These procedures reviewed were:

- 103, Station Document Control, Revision 6
- 104, Control of Nonconformance and Corrective Action, Revision 2
- 107, Procedure Control, Revision 12
- , Generation Department Document Control, Revision 1
- 2009, Control and Distribution of As-Built Drawings, Revision 1
- 2014, Generation Department Document Center Organization and Responsibilities, Revision 1
- 2025, Generation Division Single Copy Records Storage Facility, Revision 0
- 4023, Contractor Classification List, Revision 3

No items of noncompliance were identified.

#### 4. Modifications

##### a. References

- 105, Maintenance, Repair and Modification Control, Revision 10
- 2006, Modification, Non-Routine Maintenance and Repair, Revision 0
- 2009, Control and Distribution of As-Built Drawings, Revision 1
- 2016, Quality Assurance System Boundary and Classification, Revision 0
- 2019, Request for Safety Review and Independent Safety Review Program, Revision 2
- 6003, Modifications, Non-Routine Maintenance and Repair, Revision 1
- 6009, Installation, Fabrication, Engineering Test and Inspection Specifications, Revision 0
- 7005, Generation Maintenance Repair-Maintenance and Modification Control, Revision 0

b. Review

The inspector selected and reviewed the design changes/modifications listed below and associated documents, on a sampling basis, to verify as applicable that: they were accomplished in accordance with 10 CFR 50.59 and the licensee's QA Program requirements; code requirements and specifications were included; acceptance tests including values and standards were specified; records of equipment performance were reviewed and accepted; and prints/drawings and operating procedures were appropriately revised.

- 79-38, Seismic Support Installation to Reinforce Battery "B" Racks Temporary, Revision 0
- 80-4, Install Fill Pump Check Valve Core Spray Sys. II (C-60), Revision 0
- 80-6, Shutdown Cooling Heat Exchanger Steam Supply/Condensate Return Systems Pipe Cap Installation (C-71), Revision 0
- 80-8, Replacement of Isolation Condensor Vent Valves V-14, 15, 19, 20, Revision 0
- 80-9, Installation of Isolation Phase Bus Duct Support Reinforcement, Revision 0

No items of noncompliance were identified, however, two unresolved items are discussed below.

- (1) The inspector noted that a number of different practices were employed with respect to when and how data/inspection/test results were documented (e.g., as the information was generated; collected from notes, logs, etc., and entered onto official records). The inspector expressed concern that these various methods were not described in instructions/procedures which could lead to problems if the information should require verification as to its validity. The licensee representative acknowledged the inspector's concern and stated that a GCMD procedure will be revised/written to more clearly describe how and when the results of installation activities are entered on the appropriate official record.

Pending review of the stated licensee action this item is unresolved. (80-13-01)

- (2) The inspector noted that Procedure 759.4.005, Leak Test Procedure, Revision 1, is now due for its periodic review. This procedure has been referenced for use when Task C-71 is completed. The licensee acknowledged the inspector's statement and stated that this procedure would receive its periodic review prior to its next use.

Pending review of the stated licensee action this item is unresolved. (8013-02)

## 5. QA/QC Administration

### a. References

- OQAP 4001, Quality Assurance Organization, Responsibilities, Authorities and Qualifications, Revision 1
- OQAP 4002, Operational Quality Assurance Training Requirements, Revision 7
- OQAP 4004, Quality Data Evaluation Requirements, Revision 2
- OQAP 4005, Operational Quality Assurance Control of Nonconformances and Corrective Action, Revision 1
- OQAP 4006, Operational Quality Assurance Document Review, Revision 1
- OQAP 4007, Operational Quality Assurance Procurement Verification, Revision 5
- OQAP 4008, Requirements for the Operational Quality Assurance Audit Program, Revision 7
- OQAP 4010, Construction Surveillance, Revision 3
- OQAP 4012, Procedure for the Preparation and Use of Quality Assurance Checklists, Revision 2
- OQAP 4015, Operational Quality Assurance Personnel Qualifications and Certification, Revision 3
- OQAP 4016, Procurement Document Review, Revision 1
- OQAP 4017, Administrative Control of Procurement Verification, Revision 2

- OQAP 4018, Operational Quality Assurance Shipment Release, Revision 1
- OQAP 4019, Eye Examination for Inspection Personnel, Revision 1
- OQAP 4020, Operational Quality Assurance Evaluation of Contractors, Revision 1
- OQAP 4021, Contractor Appraisal, Revision 2

b. Program Review

The documents referenced above were reviewed on a sampling basis to determine that administrative controls for QA/QC administration have been established in accordance with the requirements described in the submitted FSAR amendment. The subject review determined that administrative controls have been established for:

- Defining those structures, systems, components, documents and activities to which the QA Program applies
- The revision of documents to which the QA Program applies
- Administrative control of QA/QC department procedures
- The overall review of the effectiveness of the QA Program
- Personnel and organizations who perform activities for which the QA Program applies

No items of noncompliance were identified.

6. Facilities Tours

The inspectors toured accessible portions of the Turbine Building, Control Room and the engineering offices at both the station and corporate offices. The inspectors observed Control Room operations, housekeeping, general conditions and work in progress. The inspector also toured the new warehouse and observed general storage conditions, conforming and nonconforming material identification, general housekeeping practices, etc., for conformance to ANSI N45.2.2 requirements. The inspector noted that the relocation of items recently transferred from the old storeroom is nearing completion.



No items of noncompliance were identified, however an unresolved item is discussed below.

The inspector identified the following conditions that require correction for storage practices to be in compliance with ANSI N45.2.2, and discussed them with the Stores Supervisor.

- Similar safety and nonsafety related items stored in close proximity to one another without separation.
- Safety related items with different status being mixed in storage (e.g., on "hold" and nonconforming).
- A number of boxes left open exposing the contents.
- A number of uncapped pipe ends.
- Individual items not marked as to required storage level (licensee's self imposed requirement).
- A number of items on "hold" not stored in designated area.
- A number of items not properly identified.

The licensee representative stated that the observed discrepancies would be corrected and a target date provided to the inspector. The inspector received a letter dated April 28, 1980, which outlined anticipated, completed and in progress actions with respect to the above conditions. The letter also stated that all tasks will be successfully completed by August 31, 1980.

This item is unresolved pending a re-examination of the new warehouse to verify compliance with ANSI N45.2.2 requirements. (80-13-03).

#### 7. Unresolved Items

Unresolved Items are matters about which more information is required in order to ascertain whether they are acceptable items or Items of Noncompliance. Unresolved Items identified during this inspection are discussed in Paragraphs 4.b and 6.

#### 8. Exit Interview

The inspectors met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on April 11, 1980. The purpose and scope of the inspection and the findings as stated in this report were summarized.